



PATENT  
Atty. Dkt. WEAT/0416

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:  
Richard T. Jones**

Serial No.: 10/647,014

Confirmation No.: 1470

Filed: August 22, 2003

**For:** Flow Meter Using an Expanded Tube Section and Sensitive Differential Pressure Measurement

Group Art Unit: 2855

**Examiner:**  
36735

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

# **INFORMATION DISCLOSURE STATEMENT**

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

|                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CERTIFICATE OF MAILING</b><br><b>37 CFR 1.8</b>                                                                                                                                                                                                                                                             |
| <p>I hereby certify that this correspondence is being deposited with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 22, 2004.</p> <p><u>Randol W. Read</u> <u>22 July 2004</u><br/>   Typed Name Signature</p> |

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/WEAT/0416/WBP.

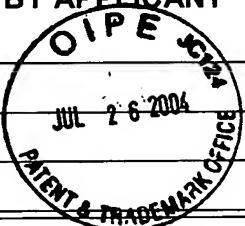
Respectfully submitted,



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Randol W. Read  
Reg. No. 43,876  
Attorney for Applicant  
MOSER, PATTERSON & SHERIDAN, LLP  
3040 Post Oak Blvd., Suite 1500  
Houston, TX 77056  
713/623-4844

|                                                                                      |          |                               |                           |
|--------------------------------------------------------------------------------------|----------|-------------------------------|---------------------------|
| U.S. Department of Commerce, Patent and Trademark Office<br>(PTO Form 1449 modified) |          | Docket No.<br>WEAT/0416       | Serial No.<br>10/647,014  |
| <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>                                 |          | Applicant<br>Richard T. Jones | Confirmation No.:<br>1470 |
| (Use several sheets if necessary)                                                    |          | Filing Date                   | Group                     |
|                                                                                      | Examiner | August 22, 2003               | 2855                      |
| Sheet 1 of 5                                                                         |          |                               |                           |



### U.S. Patent Documents

| *Examiner Initial |      | Document Number | Issue Date | Applicant(s) Name | Class | Subclass | Filing Date if Appropriate |
|-------------------|------|-----------------|------------|-------------------|-------|----------|----------------------------|
|                   | A 1  | 6,698,297 B2    | 03/02/2004 | Gysling           |       |          |                            |
|                   | A 2  | 6,642,098       | 06/24/1997 | Santa Maria       |       |          |                            |
|                   | A 3  | 6,601,458 B1    | 08/05/2003 | Gysling et al.    |       |          |                            |
|                   | A 4  | 6,536,291 B1    | 03/25/2003 | Gysling           |       |          |                            |
|                   | A 5  | 6,463,813 B1    | 10/15/2002 | Gysling           |       |          |                            |
|                   | A 6  | 6,354,147       | 03/12/2002 | Gysling           |       |          |                            |
|                   | A 7  | 6,279,660       | 08/28/2001 | Hay               |       |          |                            |
|                   | A 8  | 6,233,374       | 05/15/2001 | Ogle              |       |          |                            |
|                   | A 9  | 6,216,532       | 04/17/2001 | Stephenson        |       |          |                            |
|                   | A 10 | 6,158,288       | 12/12/2000 | Smith             |       |          |                            |
|                   | A 11 | 6,016,702       | 01/25/2000 | Maron             |       |          |                            |
|                   | A 12 | 6,009,216       | 12/28/1999 | Pruett            |       |          |                            |
|                   | A 13 | 6,003,385       | 12/21/1999 | De Vanssay        |       |          |                            |
|                   | A 14 | 6,003,383       | 12/21/1999 | Zielinska         |       |          |                            |
|                   | A 15 | 6,002,985       | 12/14/1999 | Stephenson        |       |          |                            |
|                   | A 16 | 5,996,690       | 12/07/1999 | Shaw              |       |          |                            |
|                   | A 17 | 5,992,519       | 11/30/1999 | Ramakrishnan      |       |          |                            |
|                   | A 18 | 5,975,204       | 11/02/1999 | Tubel             |       |          |                            |
|                   | A 19 | 5,963,880       | 10/05/1999 | Smith             |       |          |                            |
|                   | A 20 | 5,959,547       | 09/28/1999 | Tubel             |       |          |                            |
|                   | A 21 | 5,956,132       | 09/21/1999 | Donzier           |       |          |                            |
|                   | A 22 | 5,939,643       | 08/17/1999 | Oertel            |       |          |                            |
|                   | A 23 | 5,925,879       | 07/20/1999 | Hay               |       |          |                            |
|                   | A 24 | 5,925,821       | 07/20/1999 | Bousquet          |       |          |                            |
|                   | A 25 | 5,908,990       | 06/01/1999 | Cummings          |       |          |                            |
|                   | A 26 | 5,907,104       | 05/25/1999 | Cage              |       |          |                            |
|                   | A 27 | 5,906,238       | 05/25/1999 | Carmody           |       |          |                            |
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|                                                                                                                                                                                                                                                  |                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Examiner                                                                                                                                                                                                                                         | Date Considered |
| <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p> |                 |

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Docket No.

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Serial No.

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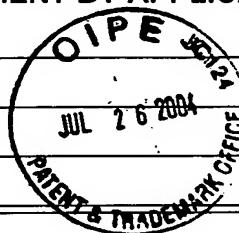
(Use several sheets if necessary)

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Richard T. JonesConfirmation No.:  
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August 22, 2003

2855

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## U.S. Patent Documents

| *Examiner Initial |      | Document Number | Issue Date | Applicant(s) Name | Class | Subclass | Filing Date if Appropriate |
|-------------------|------|-----------------|------------|-------------------|-------|----------|----------------------------|
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|                   | A 31 | 5,804,713       | 09/08/1998 | Kluth             |       |          |                            |
|                   | A 32 | 5,803,167       | 09/08/1998 | Bussear           |       |          |                            |
|                   | A 33 | 5,741,980       | 04/21/1998 | Hill              |       |          |                            |
|                   | A 34 | 5,732,776       | 03/31/1998 | Tubel             |       |          |                            |
|                   | A 35 | 5,730,219       | 03/24/1998 | Tubel             |       |          |                            |
|                   | A 36 | 5,708,211       | 01/13/1998 | Jepson            |       |          |                            |
|                   | A 37 | 5,689,540       | 11/18/1997 | Stephenson        |       |          |                            |
|                   | A 38 | 5,680,489       | 10/21/1997 | Kersey            |       |          |                            |
|                   | A 39 | 5,670,720       | 09/23/1997 | Clark             |       |          |                            |
|                   | A 40 | 5,654,551       | 08/05/1997 | Watt              |       |          |                            |
|                   | A 41 | 5,644,093       | 07/01/1997 | Wright            |       |          |                            |
|                   | A 42 | 5,639,667       | 06/17/1997 | Heslot            |       |          |                            |
|                   | A 43 | 5,597,961       | 01/28/1997 | Marrelli          |       |          |                            |
|                   | A 44 | 5,591,922       | 01/07/1997 | Segeral et al.    |       |          |                            |
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|                   | A 46 | 5,564,832       | 10/15/1996 | Ball              |       |          |                            |
|                   | A 47 | 5,513,913       | 05/07/1996 | Ball              |       |          |                            |
|                   | A 48 | 5,493,512       | 02/20/1996 | Peube             |       |          |                            |
|                   | A 49 | 5,493,390       | 02/20/1996 | Varasi            |       |          |                            |
|                   | A 50 | 5,440,932       | 08/15/1995 | Wareham           |       |          |                            |
|                   | A 51 | 5,426,297       | 06/20/1995 | Dunphy            |       |          |                            |
|                   | A 52 | 5,401,956       | 03/28/1995 | Dunphy            |       |          |                            |
|                   | A 53 | 5,398,542       | 03/21/1995 | Vasbinder         |       |          |                            |
|                   | A 54 | 5,372,046       | 12/13/1994 | Kleven et al.     |       |          |                            |
|                   | A 55 | 5,367,911       | 11/29/1994 | Jewell            |       |          |                            |
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## U.S. Patent Documents

| *Examiner Initial |      | Document Number | Issue Date | Applicant(s) Name | Class | Subclass | Filing Date if Appropriate |
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|                   | A 57 | 5,347,873       | 09/20/1994 | Vander Heyden     |       |          |                            |
|                   | A 58 | 5,321,991       | 06/21/1994 | Kalotay           |       |          |                            |
|                   | A 59 | 5,317,576       | 05/31/1994 | Leonberger        |       |          |                            |
|                   | A 60 | 5,218,197       | 03/28/1978 | Carroll           |       |          |                            |
|                   | A 61 | 5,207,107       | 05/04/1993 | Wolf              |       |          |                            |
|                   | A 62 | 5,152,181       | 10/06/1992 | Lew               |       |          |                            |
|                   | A 63 | 5,115,670       | 05/26/1992 | Shen              |       |          |                            |
|                   | A 64 | 5,099,697       | 03/31/1992 | Agar              |       |          |                            |
|                   | A 65 | 5,083,452       | 01/28/1992 | Hope              |       |          |                            |
|                   | A 66 | 5,058,437       | 10/22/1991 | Chaumont          |       |          |                            |
|                   | A 67 | 5,051,992       | 09/24/1991 | Toral             |       |          |                            |
|                   | A 68 | 5,040,415       | 08/20/1991 | Barkhoudarian     |       |          |                            |
|                   | A 69 | 5,031,460       | 07/16/1991 | Kanekobu          |       |          |                            |
|                   | A 70 | 5,024,099       | 06/28/1991 | Lee               |       |          |                            |
|                   | A 71 | 5,009,697       | 03/31/1992 | Agar              |       |          |                            |
|                   | A 72 | 4,996,419       | 02/26/1991 | Morey             |       |          |                            |
|                   | A 73 | 4,978,863       | 12/18/1990 | Lyon et al.       |       |          |                            |
|                   | A 74 | 4,976,151       | 12/11/1990 | Morishita         |       |          |                            |
|                   | A 75 | 4,950,883       | 08/21/1990 | Glenn             |       |          |                            |
|                   | A 76 | 4,947,127       | 08/07/1990 | Helms             |       |          |                            |
|                   | A 77 | 4,932,262       | 06/12/1990 | Wlodarczyk        |       |          |                            |
|                   | A 78 | 4,896,540       | 01/30/1990 | Shakkottai        |       |          |                            |
|                   | A 79 | 4,877,852       | 12/06/1988 | Martin            |       |          |                            |
|                   | A 80 | 4,864,848       | 09/12/1989 | Khalifa           |       |          |                            |
|                   | A 81 | 4,862,750       | 09/05/1989 | Nice              |       |          |                            |
|                   | A 82 | 4,858,474       | 08/22/1989 | Glasheen et al.   |       |          |                            |
|                   | A 83 | 4,813,270       | 03/21/1989 | Baillie           |       |          |                            |
|                   | A 84 | 4,706,501       | 11/17/1987 | Atkinson          |       |          |                            |

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## U.S. Patent Documents

| *Examiner Initial |       | Document Number        | Issue Date | Applicant(s) Name | Class | Subclass | Filing Date if Appropriate |
|-------------------|-------|------------------------|------------|-------------------|-------|----------|----------------------------|
|                   | A 85  | 4,520,320              | 05/28/1985 | Potzick           |       |          |                            |
|                   | A 86  | 4,515,473              | 05/07/1985 | Mermelstein       |       |          |                            |
|                   | A 87  | 4,456,649              | 10/15/1985 | Kantor            |       |          |                            |
|                   | A 88  | 4,449,418              | 02/12/1985 | Helms             |       |          |                            |
|                   | A 89  | 4,445,389              | 05/01/1984 | Potzick           |       |          |                            |
|                   | A 90  | 4,275,602              | 06/30/1981 | Fujishiro         |       |          |                            |
|                   | A 91  | 4,236,406              | 12/02/1980 | Reed              |       |          |                            |
|                   | A 92  | 4,164,865              | 08/21/1979 | Hall              |       |          |                            |
|                   | A 93  | 4,159,646              | 07/03/1979 | Paulsen           |       |          |                            |
|                   | A 94  | 4,144,768              | 03/20/1979 | Andersson         |       |          |                            |
|                   | A 95  | 4,114,439              | 09/19/1978 | Fick              |       |          |                            |
|                   | A 96  | 4,080,837              | 03/28/1978 | Alexander         |       |          |                            |
|                   | A 97  | 3,851,521              | 12/03/1974 | Ottenstein        |       |          |                            |
|                   | A 98  | 3,149,492              | 09/22/1964 | Weinberg          |       |          |                            |
|                   | A 99  | 2004/<br>00000197 A1   | 01/01/2004 | Gysling           |       |          |                            |
|                   | A 100 | 2003/<br>0084707 A1    | 11/17/2001 | Gysling           |       |          |                            |
|                   | A 101 | 2002/<br>0064331 A1    | 05/30/2002 | Davis et al.      |       |          |                            |
|                   | A 102 | Ser. No.<br>10/393,557 |            | Jones et al.      |       |          | 03/21/2003                 |

## Foreign Patent Documents

| *Examiner Initial |     | Document Number | Date       | Country | Class | Subclass | Translation              |                                     |
|-------------------|-----|-----------------|------------|---------|-------|----------|--------------------------|-------------------------------------|
|                   |     |                 |            |         |       |          | YES                      |                                     |
|                   | B 1 | WO 96/04528     | 02/15/1996 | WIPO    |       |          | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|                   | B 2 | FR 2 357 868    | 07/07/1976 | France  |       |          | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|                   | B 3 | WO 93/14382     | 07/22/1993 | WIPO    |       |          | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|                   | B 4 | DE 19511234     | 12/07/1995 | Germany |       |          | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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|                                                                                      |  |                                |                           |
|--------------------------------------------------------------------------------------|--|--------------------------------|---------------------------|
| U.S. Department of Commerce, Patent and Trademark Office<br>(PTO Form 1449 modified) |  | Docket No.<br>WEAT/0416        | Serial No.<br>10/647,014  |
| <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>                                 |  | Applicant<br>Richard T. Jones  | Confirmation No.:<br>1470 |
| (Use several sheets if necessary)                                                    |  | Filing Date<br>August 22, 2003 | Group<br>2855             |
| Examiner                                                                             |  |                                |                           |
|                                                                                      |  | Sheet 5 of 5                   |                           |

## **Foreign Patent Documents**

| *Examiner Initial |     | Document Number | Date       | Country | Class | Subclass | Translation              |                                     |
|-------------------|-----|-----------------|------------|---------|-------|----------|--------------------------|-------------------------------------|
|                   |     |                 |            |         |       |          | YES                      | NO                                  |
|                   | B 5 | WO 00/00793     | 01/06/2000 | WIPO    |       |          | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|                   | B 6 | EP 0 684 458 A2 | 05/16/1995 | Europe  |       |          | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

OTHER ART

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